Section 1. Registration Information

Source Identification

Facility Name:	Fisher Scientific Company L.L.C. (USEPA)
Parent Company #1 Name:	Fisher Scientific International, Inc.
Parent Company #2 Name:	Thermo Fisher Scientific

Submission and Acceptance

Submission Type:	Re-submission
Subsequent RMP Submission Reason:	5-year update (40 CFR 68.190(b)(1))
Description:	
Receipt Date:	22-May-2019
Postmark Date:	22-May-2019
Next Due Date:	22-May-2024
Completeness Check Date:	22-May-2019
Complete RMP:	Yes
De-Registration / Closed Reason:	
De-Registration / Closed Reason Other Text:	
De-Registered / Closed Date:	
De-Registered / Closed Effective Date:	
Certification Received:	Yes

Facility Identification

EPA Facility Identifier:	1000 0015 8606
Other EPA Systems Facility ID:	NJD986569101
Facility Registry System ID:	

Dun and Bradstreet Numbers (DUNS)

Facility DUNS:	52207982
Parent Company #1 DUNS:	4321519
Parent Company #2 DUNS:	4321519

Facility Location Address

Street 1:	755 Route 202
Street 2:	
City:	Bridgewater
State:	NEW JERSEY
ZIP:	08807
ZIP4:	
County:	SOMERSET

Facility Latitude and Longitude

Latitude (decimal):	40.572778
Longitude (decimal):	-074.668611
Lat/Long Method:	Address Matching - House Number
Lat/Long Description:	Plant Entrance (General)
Horizontal Accuracy Measure:	25
Horizontal Reference Datum Name:	North American Datum of 1983
Source Map Scale Number:	

Owner or Operator

Operator Name:	Fisher Scientific Company L.L.C.
Operator Phone:	(908) 526-1800

Mailing Address

Operator Street 1:	755 Route 202
Operator Street 2:	
Operator City:	Bridgewater
Operator State:	NEW JERSEY
Operator ZIP:	08807
Operator ZIP4:	
Operator Foreign State or Province:	
Operator Foreign ZIP:	
Operator Foreign Country:	

Name and title of person or position responsible for Part 68 (RMP) Implementation

RMP Name of Person:	Mark Jasko
RMP Title of Person or Position:	Director, ESH & Regulatory Affairs
RMP E-mail Address:	mark.jasko@thermofisher.com

Emergency Contact

Emergency Contact Name:	Anthony Costa
Emergency Contact Title:	Site Direcdtor
Emergency Contact Phone:	(201) 703-3142
Emergency Contact 24-Hour Phone:	(908) 526-1800
Emergency Contact Ext. or PIN:	
Emergency Contact E-mail Address:	anthony.costa@thermofisher.com

Other Points of Contact

Facility or Parent Company E-mail Address:	
Facility Public Contact Phone:	(201) 796-7100
Facility or Parent Company WWW Homepage Address:	thermofisher.com

Local Emergency Planning Committee

LEPC:	Bridgewater Twp LEPC

Full Time Equivalent Employees

Number of Full Time Employees (FTE) on Site:	198
FTE Claimed as CBI:	

Covered By

OSHA PSM :	Yes
EPCRA 302 :	Yes
CAA Title V:	

Air Operating Permit ID:

OSHA Ranking

OSHA Star or Merit Ranking:

Last Safety Inspection

Last Safety Inspection (By an External Agency) Date:	21-Jan-2019
Last Safety Inspection Performed By an External Agency:	State environmental agency

Predictive Filing

Did this RMP involve predictive filing?:

Preparer Information

Preparer Name:	n/a
Preparer Phone:	(000) 000-0000
Preparer Street 1:	n/a
Preparer Street 2:	n/a
Preparer City:	n/a
Preparer State:	NEW JERSEY
Preparer ZIP:	00000
Preparer ZIP4:	0000
Preparer Foreign State:	
Preparer Foreign Country:	
Preparer Foreign ZIP:	

Confidential Business Information (CBI)

CBI Claimed:
Substantiation Provided:
Unsanitized RMP Provided:

Reportable Accidents

Reportable Accidents: See Section 6. Accident History below to determine if there were any accidents reported for this RMP.

Process Chemicals

Process ID:	1000099179
Description:	Repackaging Facility
Process Chemical ID:	1000124289
Program Level:	Program Level 3 process
Chemical Name:	Chloroform [Methane, trichloro-]
CAS Number:	67-66-3
Quantity (lbs):	60000
CBI Claimed:	
Flammable/Toxic:	Toxic

Process ID:	1000099179
Description:	Repackaging Facility
Process Chemical ID:	1000124290
Program Level:	Program Level 3 process
Chemical Name:	Ethyl ether [Ethane, 1,1'-oxybis-]
CAS Number:	60-29-7
Quantity (lbs):	40000
CBI Claimed:	
Flammable/Toxic:	Flammable

Process ID:	1000099180
Description:	Distribution Center
Process Chemical ID:	1000124293
Program Level:	Program Level 3 process
Chemical Name:	Bromine
CAS Number:	7726-95-6
Quantity (lbs):	1500
CBI Claimed:	
Flammable/Toxic:	Toxic

Process ID:	1000099180
Description:	Distribution Center
Process Chemical ID:	1000124294
Program Level:	Program Level 3 process
Chemical Name:	Chloroform [Methane, trichloro-]
CAS Number:	67-66-3
Quantity (lbs):	375000
CBI Claimed:	
Flammable/Toxic:	Toxic

Process ID:	1000099180
Description:	Distribution Center
Process Chemical ID:	1000124295
Program Level:	Program Level 3 process
Chemical Name:	Hydrochloric acid (conc 37% or greater)
CAS Number:	7647-01-0
Quantity (lbs):	240000
CBI Claimed:	
Flammable/Toxic:	Toxic

Process ID:	1000099180
Description:	Distribution Center
Process Chemical ID:	1000124296
Program Level:	Program Level 3 process
Chemical Name:	Hydrogen fluoride/Hydrofluoric acid (conc 50% or greater) [Hydrofluoric acid]
CAS Number:	7664-39-3

Quantity (lbs):	20000
CBI Claimed:	
Flammable/Toxic:	Toxic

Process ID:	1000099180
Description:	Distribution Center
Process Chemical ID:	1000124297
Program Level:	Program Level 3 process
Chemical Name:	Ethyl ether [Ethane, 1,1'-oxybis-]
CAS Number:	60-29-7
Quantity (lbs):	98000
CBI Claimed:	
Flammable/Toxic:	Flammable

Process ID:	1000099180
Description:	Distribution Center
Process Chemical ID:	1000124298
Program Level:	Program Level 3 process
Chemical Name:	Pentane
CAS Number:	109-66-0
Quantity (lbs):	60000
CBI Claimed:	
Flammable/Toxic:	Flammable

Process ID:	1000099180
Description:	Distribution Center
Process Chemical ID:	1000124299
Program Level:	Program Level 3 process
Chemical Name:	Isopentane [Butane, 2-methyl-]
CAS Number:	78-78-4
Quantity (lbs):	30000
CBI Claimed:	
Flammable/Toxic:	Flammable

Process ID:	1000099180
Description:	Distribution Center
Process Chemical ID:	1000124300
Program Level:	Program Level 3 process
Chemical Name:	Ammonia (conc 20% or greater)
CAS Number:	7664-41-7
Quantity (lbs):	70000
CBI Claimed:	
Flammable/Toxic:	Toxic

Process NAICS

Process ID:	1000099179
Process NAICS ID:	1000100421
Program Level:	Program Level 3 process
NAICS Code:	42469
NAICS Description:	Other Chemical and Allied Products Merchant Wholesalers

Process ID:	1000099180
Process NAICS ID:	1000100422
Program Level:	Program Level 3 process
NAICS Code:	42469
NAICS Description:	Other Chemical and Allied Products Merchant Wholesalers

Section 2. Toxics: Worst Case

Toxic Worst ID: 1000079405

Percent Weight:	100.0
Physical State:	Liquid
Model Used:	EPA's RMP*Comp(TM)
Release Duration (mins):	114
Wind Speed (m/sec):	1.5
Atmospheric Stability Class:	F
Topography:	Urban

Passive Mitigation Considered

Dikes:	Yes
Enclosures:	
Berms:	
Drains:	Yes
Sumps:	Yes
Other Type:	

Section 3. Toxics: Alternative Release

Toxic Alter ID: 1000084746

Percent Weight:	100.0
Physical State:	Liquid
Model Used:	EPA's RMP*Comp(TM)
Wind Speed (m/sec):	3.0
Atmospheric Stability Class:	D
Topography:	Urban

Passive Mitigation Considered

Dikes:	Yes
Enclosures:	
Berms:	
Drains:	
Sumps:	Yes
Other Type:	

Active Mitigation Considered

Sprinkler System:	
Deluge System:	
Water Curtain:	
Neutralization:	
Excess Flow Valve:	
Flares:	
Scrubbers:	
Emergency Shutdown:	
Other Type:	Operator stationed at unloading area; emergency shutoffs

Toxic Alter ID: 1000084747

Percent Weight:	100.0
Physical State:	Liquid
Model Used:	EPA's RMP*Comp(TM)
Wind Speed (m/sec):	3.0
Atmospheric Stability Class:	D
Topography:	Urban

Passive Mitigation Considered

Dikes:	
Enclosures:	
Berms:	
Drains:	
Sumps:	
Other Type:	Warehouse enclosure

Active Mitigation Considered

Sprinkler System:	
Deluge System:	
Water Curtain:	
Neutralization:	
Excess Flow Valve:	
Flares:	
Scrubbers:	

Emergency Shutdown:
Other Type:

Toxic Alter ID: 1000084748

Percent Weight:	37.0
Physical State:	Liquid
Model Used:	EPA's RMP*Comp(TM)
Wind Speed (m/sec):	3.0
Atmospheric Stability Class:	D
Topography:	Urban

Passive Mitigation Considered

Dikes:	
Enclosures:	
Berms:	
Drains:	
Sumps:	
Other Type:	Warehouse enclosure

Active Mitigation Considered

Sprinkler System:	
Deluge System:	
Water Curtain:	
Neutralization:	
Excess Flow Valve:	
Flares:	
Scrubbers:	
Emergency Shutdown:	
Other Type:	

Toxic Alter ID: 1000084749

Percent Weight:	50.0
Physical State:	Liquid
Model Used:	EPA's RMP*Comp(TM)
Wind Speed (m/sec):	3.0
Atmospheric Stability Class:	D
Topography:	Urban

Passive Mitigation Considered

Dikes:	
Enclosures:	
Berms:	
Drains:	
Sumps:	
Other Type:	Warehouse enclosure

Active Mitigation Considered

Sprinkler System:	
Deluge System:	
Water Curtain:	
Neutralization:	
Excess Flow Valve:	
Flares:	

Scrubbers:
Emergency Shutdown:
Other Type:

Toxic Alter ID: 1000084750

Percent Weight:	30.0
Physical State:	Liquid
Model Used:	EPA's RMP*Comp(TM)
Wind Speed (m/sec):	3.0
Atmospheric Stability Class:	D
Topography:	Urban

Passive Mitigation Considered

Dikes:	
Enclosures:	
Berms:	
Drains:	
Sumps:	
Other Type:	Warehouse enclosure

Active Mitigation Considered

Sprinkler System:
Deluge System:
Water Curtain:
Neutralization:
Excess Flow Valve:
Flares:
Scrubbers:
Emergency Shutdown:
Other Type:

Section 4. Flammables: Worst Case

Flammable Worst ID: 1000059564

Model Used:	EPA's RMP*Comp(TM)
Endpoint used:	1 PSI

Passive Mitigation Considered

Blast Walls:	
Other Type:	

Section 5. Flammables: Alternative Release

Flammable Alter ID: 1000055942

Model Used:	EPA's RMP*Comp(TM)

Passive Mitigation Considered

Dikes:	
Fire Walls:	
Blast Walls:	
Enclosures:	
Other Type:	

Active Mitigation Considered

Sprinkler System:	
Deluge System:	
Water Curtain:	
Excess Flow Valve:	
Other Type:	Manned operation, LEL detector and emergency shutdowns

Section 6. Accident History

No records found.

Section 7. Program Level 3

Description

The Prevention Program for the Repackaging Facility (Program 3) and Distribution Center (Program 3) includes programs and procedures to manage the hazards associated with handling the registered hazardous materials. A single Risk Management Program (RMP), applicable to both the Repackaging Facility and the Distribution Center, documents a compilation of safe work practices and management systems designed to minimize the potential of accidental releases. A separate Section 7 of the RMP Registration was completed for each of the Program 3 processes (i.e., Repackaging Facility and Distribution Center). Where necessary, process specific dates and data have been provided (i.e., PSI, PHA, SOPs, and mechanical integrity). The Executive Summary provides additional detail on the covered processes.

Program Level 3 Prevention Program Chemicals

Prevention Program Chemical ID:	1000104615
Chemical Name:	Chloroform [Methane, trichloro-]
Flammable/Toxic:	Toxic
CAS Number:	67-66-3
Process ID:	1000099179
Description:	Repackaging Facility
Prevention Program Level 3 ID:	1000083997
NAICS Code:	42469
Prevention Program Chemical ID:	1000104600
Chemical Name:	Ethyl ether [Ethane, 1,1'-oxybis-]
Flammable/Toxic:	Flammable
CAS Number:	60-29-7
Process ID:	1000099179
Description:	Repackaging Facility
Prevention Program Level 3 ID:	1000083997
NAICS Code:	42469

Safety Information

Safety Review Date (The date on which the safety information was last reviewed or revised):	30-Apr-2019

Process Hazard Analysis (PHA)

PHA Completion Date (Date of last PHA or PHA update):	30-Apr-2019

The Technique Used

What If:	
Checklist:	
What If/Checklist:	Yes
HAZOP:	
Failure Mode and Effects Analysis:	

Fault Tree Analysis:	
Other Technique Used:	
PHA Change Completion Date (The expected or actual date of completion of all changes resulting from last PHA or PHA update):	30-Jun-2020

Major Hazards Identified

Toxic Release:	Yes
Fire:	Yes
Explosion:	Yes
Runaway Reaction:	
Polymerization:	
Overpressurization:	Yes
Corrosion:	
Overfilling:	Yes
Contamination:	Yes
Equipment Failure:	Yes
Loss of Cooling, Heating, Electricity, Instrument Air:	Yes
Earthquake:	
Floods (Flood Plain):	
Tornado:	
Hurricanes:	
Other Major Hazard Identified:	Acts of Nature

Process Controls in Use

Vents:	Yes
Relief Valves:	Yes
Check Valves:	Yes
Scrubbers:	Yes
Flares:	
Manual Shutoffs:	Yes
Automatic Shutoffs:	Yes
Interlocks:	Yes
Alarms and Procedures:	Yes
Keyed Bypass:	
Emergency Air Supply:	Yes
Emergency Power:	Yes
Backup Pump:	
Grounding Equipment:	Yes
Inhibitor Addition:	
Rupture Disks:	Yes
Excess Flow Device:	
Quench System:	
Purge System:	Yes
None:	
Other Process Control in Use:	

Mitigation Systems in Use

Sprinkler System:	Yes
Dikes:	Yes
Fire Walls:	Yes
Blast Walls:	
Deluge System:	

Water Curtain:	
Enclosure:	Yes
Neutralization:	
None:	
Other Mitigation System in Use:	Spill containment system

Monitoring/Detection Systems in Use

Process Area Detectors:	Yes
Perimeter Monitors:	
None:	
Other Monitoring/Detection System in Use:	Site security includes a perimeter video surveillance system and site access control system

Changes Since Last PHA Update

Reduction in Chemical Inventory:	Yes
Increase in Chemical Inventory:	
Change Process Parameters:	
Installation of Process Controls:	Yes
Installation of Process Detection Systems:	Yes
Installation of Perimeter Monitoring Systems:	
Installation of Mitigation Systems:	
None Recommended:	
None:	
Other Changes Since Last PHA or PHA Update:	

Review of Operating Procedures

Operating Procedures Revision Date (The date of the most recent review or revision of operating procedures):	28-Feb-2019

Training

Training Revision Date (The date of the most recent review or revision of training programs):	08-Feb-2019

The Type of Training Provided

Classroom:	Yes
On the Job:	Yes
Other Training:	

The Type of Competency Testing Used

Written Tests:	
Oral Tests:	Yes
Demonstration:	
Observation:	
Other Type of Competency Testing Used:	

Maintenance

Maintenance Procedures Revision Date (The date of the most recent review or revision of maintenance procedures):	04-Apr-2019
Equipment Inspection Date (The date of the most recent equipment inspection or test):	29-Apr-2019
Equipment Tested (Equipment most recently inspected or tested):	Monthly Tank inspection

Management of Change

Change Management Date (The date of the most recent change that triggered management of change procedures):	14-Sep-2018
Change Management Revision Date (The date of the most recent review or revision of management of change procedures):	04-Jan-2018

Pre-Startup Review

Pre-Startup Review Date (The date of the most recent pre-startup review):	14-Sep-2018

Compliance Audits

Compliance Audit Date (The date of the most recent compliance audit):	20-Dec-2018
Compliance Audit Change Completion Date (Expected or actual date of completion of all changes resulting from the compliance audit):	20-Dec-2019

Incident Investigation

Incident Investigation Date (The date of the most recent incident investigation (if any)):	
Incident Investigation Change Date (The expected or actual date of completion of all changes resulting from the investigation):	

Employee Participation Plans

Participation Plan Revision Date (The date of the most recent review or revision of employee participation plans):	07-Feb-2019

Hot Work Permit Procedures

Hot Work permit Review Date (The date of the most recent review or revision of hot work permit procedures):	20-Mar-2017

Contractor Safety Procedures

Contractor Safety Procedures Review Date (The date of the most recent review or revision of contractor safety procedures):	04-Apr-2019
Contractor Safety Performance Evaluation Date (The date of the most recent review or revision of contractor safety performance):	

Confidential Business Information

CBI Claimed:

Description

The Prevention Program for the Distribution Center (Program 3) includes programs and procedures to manage the hazards associated with handling the registered hazardous materials. A single Risk Management Program (RMP), applicable to both the Repackaging Facility and the Distribution Center, documents a compilation of safe work practices and management systems designed to minimize the potential of accidental releases. A separate Section 7 of the RMP Registration was completed for each of the Program 3 processes (i.e., Repackaging Facility and Distribution Center). Where necessary, process specific dates and data have been provided (i.e., PSI, PHA, SOPs, and mechanical integrity). The Executive Summary provides additional detail on the covered processes.

Program Level 3 Prevention Program Chemicals

Prevention Program Chemical ID:	1000104604
Chemical Name:	Chloroform [Methane, trichloro-]
Flammable/Toxic:	Toxic
CAS Number:	67-66-3
Process ID:	1000099180
Description:	Distribution Center
Prevention Program Level 3 ID:	1000083998
NAICS Code:	42469
Prevention Program Chemical ID:	1000104605
Chemical Name:	Hydrochloric acid (conc 37% or greater)
Flammable/Toxic:	Toxic
CAS Number:	7647-01-0
Process ID:	1000099180
Description:	Distribution Center
Prevention Program Level 3 ID:	1000083998
NAICS Code:	42469
Prevention Program Chemical ID:	1000104606
Chemical Name:	Hydrogen fluoride/Hydrofluoric acid (conc 50% or greater) [Hydrofluoric acid]
Flammable/Toxic:	Toxic
CAS Number:	7664-39-3
Process ID:	1000099180
Description:	Distribution Center
Prevention Program Level 3 ID:	1000083998
NAICS Code:	42469
Prevention Program Chemical ID:	1000104610
Chemical Name:	Ammonia (conc 20% or greater)
Flammable/Toxic:	Toxic
CAS Number:	7664-41-7

Process ID:	1000099180
Description:	Distribution Center
Prevention Program Level 3 ID:	1000083998
NAICS Code:	42469

Prevention Program Chemical ID:	1000104603
Chemical Name:	Bromine
Flammable/Toxic:	Toxic
CAS Number:	7726-95-6

Process ID:	1000099180
Description:	Distribution Center
Prevention Program Level 3 ID:	1000083998
NAICS Code:	42469

Prevention Program Chemical ID:	1000104607
Chemical Name:	Ethyl ether [Ethane, 1,1'-oxybis-]
Flammable/Toxic:	Flammable
CAS Number:	60-29-7

Process ID:	1000099180
Description:	Distribution Center
Prevention Program Level 3 ID:	1000083998
NAICS Code:	42469

Prevention Program Chemical ID:	1000104609
Chemical Name:	Isopentane [Butane, 2-methyl-]
Flammable/Toxic:	Flammable
CAS Number:	78-78-4

Process ID:	1000099180
Description:	Distribution Center
Prevention Program Level 3 ID:	1000083998
NAICS Code:	42469

Prevention Program Chemical ID:	1000104608
Chemical Name:	Pentane
Flammable/Toxic:	Flammable
CAS Number:	109-66-0

Process ID:	1000099180
Description:	Distribution Center
Prevention Program Level 3 ID:	1000083998
NAICS Code:	42469

Safety Information

Safety Review Date (The date on which the safety information was last reviewed or revised):	25-Apr-2019

Process Hazard Analysis (PHA)

PHA Completion Date (Date of last PHA or PHA update):	11-Apr-2019

The Technique Used

What If:	
Checklist:	
What If/Checklist:	Yes
HAZOP:	
Failure Mode and Effects Analysis:	
Fault Tree Analysis:	
Other Technique Used:	
PHA Change Completion Date (The expected or actual date of completion of all changes resulting from last PHA or PHA update):	30-Sep-2020

Major Hazards Identified

Toxic Release:	Yes
Fire:	Yes
Explosion:	Yes
Runaway Reaction:	
Polymerization:	
Overpressurization:	
Corrosion:	
Overfilling:	
Contamination:	
Equipment Failure:	Yes
Loss of Cooling, Heating, Electricity, Instrument Air:	
Earthquake:	
Floods (Flood Plain):	Yes
Tornado:	
Hurricanes:	
Other Major Hazard Identified:	

Process Controls in Use

Vents:	Yes
Relief Valves:	
Check Valves:	
Scrubbers:	
Flares:	
Manual Shutoffs:	
Automatic Shutoffs:	
Interlocks:	
Alarms and Procedures:	Yes
Keyed Bypass:	
Emergency Air Supply:	
Emergency Power:	Yes
Backup Pump:	

Grounding Equipment:	Yes
Inhibitor Addition:	
Rupture Disks:	
Excess Flow Device:	
Quench System:	
Purge System:	
None:	
Other Process Control in Use:	

Mitigation Systems in Use

Sprinkler System:	Yes
Dikes:	
Fire Walls:	Yes
Blast Walls:	
Deluge System:	
Water Curtain:	
Enclosure:	Yes
Neutralization:	
None:	
Other Mitigation System in Use:	Spill containment systems and foam suppression system for flammable vault

Monitoring/Detection Systems in Use

Process Area Detectors:	Yes
Perimeter Monitors:	
None:	
Other Monitoring/Detection System in Use:	Site security includes perimeter video surveillance system; building includes fire detection system and site access control system

Changes Since Last PHA Update

Reduction in Chemical Inventory:	
Increase in Chemical Inventory:	
Change Process Parameters:	
Installation of Process Controls:	
Installation of Process Detection Systems:	Yes
Installation of Perimeter Monitoring Systems:	
Installation of Mitigation Systems:	
None Recommended:	
None:	
Other Changes Since Last PHA or PHA Update:	

Review of Operating Procedures

Operating Procedures Revision Date (The date of the most recent review or revision of operating procedures):	18-Apr-2019

Training

Training Revision Date (The date of the most recent review or revision of training programs):	16-Apr-2019

The Type of Training Provided

Classroom:	Yes
On the Job:	Yes
Other Training:	

The Type of Competency Testing Used

Written Tests:	
Oral Tests:	Yes
Demonstration:	Yes
Observation:	Yes
Other Type of Competency Testing Used:	

Maintenance

Maintenance Procedures Revision Date (The date of the most recent review or revision of maintenance procedures):	06-Mar-2019
Equipment Inspection Date (The date of the most recent equipment inspection or test):	19-Apr-2019
Equipment Tested (Equipment most recently inspected or tested):	Inspection of LEL Detection Meters in flammable storage vaults

Management of Change

Change Management Date (The date of the most recent change that triggered management of change procedures):	27-Jul-2017
Change Management Revision Date (The date of the most recent review or revision of management of change procedures):	04-Jan-2018

Pre-Startup Review

Pre-Startup Review Date (The date of the most recent pre-startup review):	27-Jul-2017

Compliance Audits

Compliance Audit Date (The date of the most recent compliance audit):	20-Dec-2018
Compliance Audit Change Completion Date (Expected or actual date of completion of all changes resulting from the compliance audit):	20-Dec-2019

Incident Investigation

Incident Investigation Date (The date of the most recent incident investigation (if any)):	
Incident Investigation Change Date (The expected or actual date of completion of all changes resulting from the investigation):	

Employee Participation Plans

Participation Plan Revision Date (The date of the most recent review or revision of employee participation plans):	07-Feb-2019

Hot Work Permit Procedures

Hot Work permit Review Date (The date of the most recent review or revision of hot work permit procedures):	20-Mar-2017

Contractor Safety Procedures

Contractor Safety Procedures Review Date (The date of the most recent review or revision of contractor safety procedures):	04-Apr-2019
Contractor Safety Performance Evaluation Date (The date of the most recent review or revision of contractor safety performance):	

Confidential Business Information

CBI Claimed:	

Section 8. Program Level 2

No records found.

Section 9. Emergency Response

Written Emergency Response (ER) Plan

Community Plan (Is facility included in written community emergency response plan?):	Yes
Facility Plan (Does facility have its own written emergency response plan?):	Yes
Response Actions (Does ER plan include specific actions to be taken in response to accidental releases of regulated substance(s)?):	Yes
Public Information (Does ER plan include procedures for informing the public and local agencies responding to accidental release?):	Yes
Healthcare (Does facility's ER plan include information on emergency health care?):	Yes

Emergency Response Review

Review Date (Date of most recent review or update of facility's ER plan):	19-Dec-2017

Emergency Response Training

Training Date (Date of most recent review or update of facility's employees):	20-May-2019

Local Agency

Agency Name (Name of local agency with which the facility ER plan or response activities are coordinated):	Bridgewater Fire Department
Agency Phone Number (Phone number of local agency with which the facility ER plan or response activities are coordinated):	(908) 722-4111

Subject to

OSHA Regulations at 29 CFR 1910.38:	Yes
OSHA Regulations at 29 CFR 1910.120:	
Clean Water Regulations at 40 CFR 112:	Yes
RCRA Regulations at CFR 264, 265, and 279.52:	Yes
OPA 90 Regulations at 40 CFR 112, 33 CFR 154, 49 CFR 194, or 30 CFR 254:	
State EPCRA Rules or Laws:	Yes
Other (Specify):	

Executive Summary

BACKGROUND

Thermo Fisher Scientific is the world leader in serving science. Thermo Fisher began its operations in Bridgewater in early 1970. Today, the Bridgewater Site receives, repackages, and distributes chemical products to research, healthcare, industrial, educational, and government facilities. Thermo Fisher is also a leading supplier of occupational health and safety products and maintenance, repair and operating materials.

The Bridgewater Site consists of two main buildings situated on 59 acres. The site consists of offices, maintenance shops, quality control laboratory, repackaging systems and warehouse storage areas. The facility operates 16 hours per day, 5 days per week. Employee count is approximately 200, and varies with the business needs.

NOTE ON RE-SUBMISSION

This RMP Registration is being re-submitted to meet the requirements of 40CFR part 68, which requires that the RMP must be fully updated and resubmitted at least once every 5 years. Included in this resubmission is an update of all nine sections of the RMP for Thermo Fisher Scientfic's Bridgewater Site. Some chemicals either no longer handled at the site or no longer handle above threshold reporting levels have been eliminated from the plan.

FACILITY OVERVIEW

The Bridgewater Site has two primary functions: to receive and repackage chemical products, and; to distribute those products to its customers. The receiving and repackaging area is known as the Bridgewater Packaging Facility (BPF). The Repackaging Facility receives chemical product in various containers, ranging from 55-gallon drums to tank wagon and rail car quantities. No covered chemicals are received at the Bridgewater Site in rail cars. Product is repackaged into containers of various s, ranging from milliliter to drum and tote containers.

Repackaged product is then stored in, and distributed from the National Distribution Center (NDC). The Distribution Center consists of warehouse storage, including fire-rated concrete storage vaults, used for flammable material storage. Product is shipped primarily by tractor-trailer.

The Bridgewater Site handles hazardous materials as defined by both the US Environmental Protection Agency (USEPA) and the New Jersey Department of Environmental Protection (NJDEP). The NJDEP and USEPA regulations are designed to minimize the potential for an accidental release associated with handling hazardous materials. Additionally, the US Occupational Safety and Health Administration (OSHA) implements accident prevention regulations designed to protect employees.

The Bridgewater Site handles eight materials that are regulated substances under the USEPA regulation. Note that inventory quantities reported in Section 1.17 for hydrochloric acid, hydrofluoric acid, and ammonia represent the total weight of the solution (i.e., weight of solute and dilutant).

For this USEPA re-submission, ammonium hydroxide (CAS # 1336-21-6) is registered as ammonia (conc. 20% or greater, CAS # 7664-41-7), since the correct CAS # (1336-21-6) is not on the USEPA list of covered materials.

ACCIDENTAL RELEASE PREVENTION AND EMERGENCY RESPONSE POLICIES

Thermo Fisher Scientific has established a number of safety and environmental programs designed to ensure safe operation of the Bridgewater Site. Existing environmental policies address accident prevention, spill control and containment, and air and water pollution control. Safety policies exist to ensure the safety of our employees and to minimize the potential for accidental releases.

The Bridgewater Site's Emergency Response Plan specifies plans to follow in the event of a Plant emergency. Emergency response activities are coordinated with local response agencies to help ensure a coordinated response, and thereby maximize community safety.

POTENTIAL RELEASE SCENARIOS

NJDEP and USEPA accident prevention regulations require companies to analyze what are defined as worst-case release scenarios and alternative release scenarios. These analyses have been completed and the results reported in Sections 2, 3, 4, and 5 of this Registration as appropriate.

FIVE-YEAR ACCIDENT HISTORY

There have been no significant releases of any of the regulated materials in the last five years of plant operation. A significant release would include a release resulting in some type of offsite impact including injuries, evacuations, environmental damage, onsite injuries, or significant property damage.

GENERAL ACCIDENTAL RELEASE PREVENTION PROGRAMS

The Operations Managers have the overall responsibility for ensuring that their respective facility operates in a safe and reliable manner. The Process Safety Engineer has responsibility for implementation of the Site risk management program (RMP). Thermo Fisher has developed programs to comply with all required environmental, health, and safety standards.

The Company takes a systematic, proactive approach to preventing accidental releases of hazardous chemicals. The Site process management systems address each of the key features of successful accident prevention programs, including:

- Process Safety Information
- Process hazard analysis
- Compliance audits
- Operating procedures
- Accident investigation
- Training
- Employee participation
- Mechanical integrity
- Hot work permit
- Contractor safety
- Management of change
- Pre-startup Review

These individual elements of the Site risk management program work together to prevent accidental chemical releases.

CHEMICAL SPECIFIC PREVENTION STEPS

In addition to the Site management programs, the Company has designed both passive and active mitigation systems to control, prevent, detect, and mitigate potential accidental releases. Passive mitigation includes those design features that are essentially "fail-safe". In other words, they will successfully operate to control or contain a potential release, without the need for electrical power or worker intervention. Passive mitigation includes our state-of-the-art spill control and containment system: the tank truck area, and storage tanks are protected with secondary containment to contain and divert potential spills to a controlled area. Active mitigation systems at the Site include level controllers on the storage tanks and automatic shutoffs to prevent vessel overfilling. The property is protected by firewater and sprinkler systems, inspected annually by an outside independent company.

EMERGENCY PREPAREDNESS AND RESPONSE

Thermo Fisher has a fully developed emergency response plan detailing procedures to respond to accidental releases and other emergencies. The plan is tested on a regular basis through exercises and drills. The Site plan has been shared with the Bridgewater Fire Department to help ensure a coordinated response.

In the event of an emergency affecting the local community, Thermo Fisher works closely with local, county, and state agencies to help ensure public safety. These agencies take the lead in informing the public on appropriate actions in the event of an emergency. For additional information on what actions to take in the event of an emergency, contact the Bridgewater Fire

Department.

PLANNED CHANGES TO IMPROVE SAFETY

Thermo Fisher Scientific has created a culture that strives for continuous improvement of its environmental, health, and safety program. The Company trains employees to safely perform their assigned tasks and encourages employees to suggest changes or improvements that will help improve safety and performance. Preventive maintenance is performed on facility equipment to minimize the potential for unanticipated failure of operating equipment. The Site systems and programs are audited annually, typically by an outside company/3rd party auditor, to evaluate their effectiveness.